

Cylinders destined for the CASLab, summer 2003

Leeds: *all purchased from Air Products will be delivered to shipside*

2 V- size cal gases. Packaged in a flight case and kept >0C

5 L- size He cylinders

1 L-size Hydrogen

UEA: *all purchased from Air products will be delivered to shipside*

2 L-size He (2 ordered, one to be ordered)

2 L-size Ar/Me (5%)

1 NO standard 45 ppbv (BOC AV size-18 cm diameter, 68 cm tall (with protective head approx 75 cm tall) delivered in original case to Walkerpack

ICL:

2 L-size He *from BOC Special gases 1.54m x 0.23m, 70 kg*

1 AK-size NO/N2 1ppm: already at ICL *from BOC Special gases 1.51m x 0.23m, 52 kg*

1 AK-size NO2/air *from BOC Special gases 1.51m x 0.23m, 52 kg*

4 L-size O2

BAS:

1 NO/N2 AK (NOxy) (already at BAS)

1 CO AK (NOy)

3 N2 L (2 for CO monitor+ 1 spare)

2 CO/air AK (CO monitor) BOC

2 CO2/Ar L (CO monitor) BOC

14 O2 L (NOxy) = **11 in first year, 3 in 2nd**

1 He.... L (HCHO)

plus 6 small disposable cylinders in flight case for GDS: all flown direct to Halley via Dash 7 and Twin Otter after transfer through Stanley by JCR

total cylinders:

L-size: 33 (+ 3 O₂ in 2004)

AK-size: 6

Total: 39.

Capacity for cylinders at CASLab: 42

Capacity for cylinders in 5 stillages = $5 \times 8 = 40$

Summer 04-05

FAGE gases

2 x air L50

1 x N2 L50

2 x NO (100%) L50

1 x N2O (100%) small L10

1 x CO (0.01%) lecture bottle in flight case, ideally in container